

**Reed, Angel**TTEMI-05-003-0044

**From:** Draper, Chris  
**Sent:** Wednesday, May 07, 2008 8:09 AM  
**To:** Burl Maupin  
**Cc:** Mr. Steve Spurlin (spurlin.steve@epa.gov); Reed, Angel; Harrigan, Sandra  
**Subject:** RE: CSMM - Clinton, TN  
**Attachments:** 01May08\_Photos.pdf; Sample Summary Table.pdf

Mr. Maupin:

Here are the photos taken by Tetra Tech START at the Clinton Smelter / Magnet Mills Site on 1 May 2008. Additionally, OSC Spurlin asked that we provide TDEC and yourself with the attached sample summary table. No PCBs greater than 50 mg/kg were detected in oils or soils, however, both solvents had flashpoints less than 140 degrees Fahrenheit. Thank you.


**Chris Draper | Eastern Regional Health & Safety Representative | USEPA Region 4 START III Health & Safety Officer**  
Direct: 615.252.4794 | Cell: 615.969.1334 | Fax: 615.254.4507  
chris.draper@ttemi.com

**TETRA TECH***Safety Excellence*

**Tetra Tech | Complex World, Clear Solutions™**

www.ttemi.com | NASDAQ:TTEK  
Tetra Tech EM Inc | Nashville Office  
712 Melrose Avenue | Nashville, TN 37211

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 Think Green - Not every email needs to be printed

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**From:** Burl Maupin [mailto:Burl.Maupin@state.tn.us]  
**Sent:** Tuesday, May 06, 2008 9:17 AM  
**To:** Draper, Chris  
**Subject:** CSMM - Clinton, TN

Hi, Chris

I'm trying to prepare my co-workers for a RCRA inspection at this place. If it's not too much trouble, can you send me pictures that you got on May 1. If it's best to request this through Spurlin, just let me know.

Thanks



11024929

5/28/2008

# U.S. EPA REGION IV

## SDMS

### POOR LEGIBILITY

PORTIONS OF THIS DOCUMENT MAY BE  
DIFFICULT TO VIEW DUE TO THE QUALITY OF  
THE ORIGINAL.

TO MAKE THE DOCUMENT READABLE, TRY  
ONE OR MORE OF THE FOLLOWING:

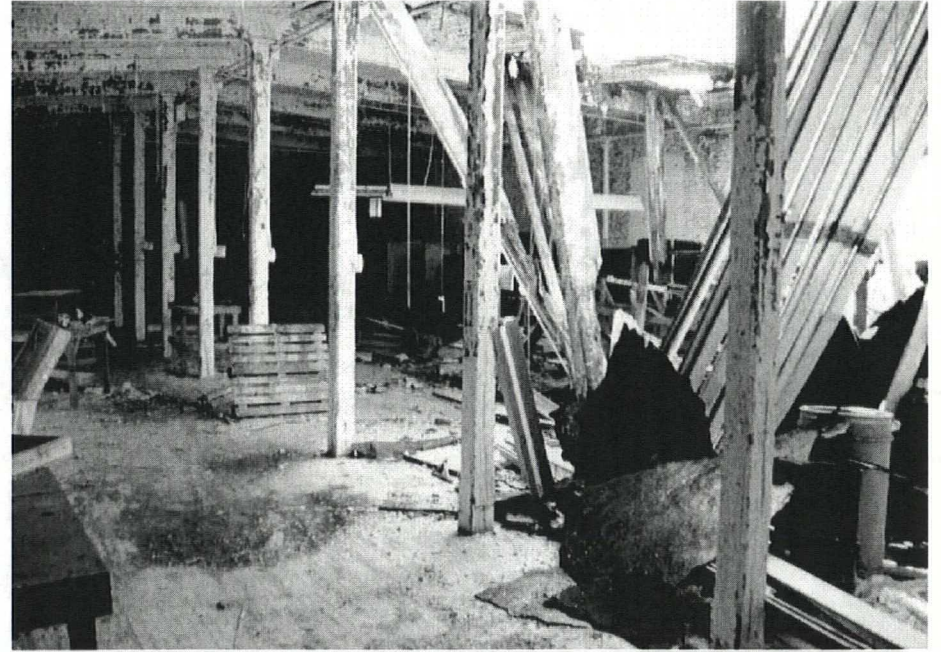
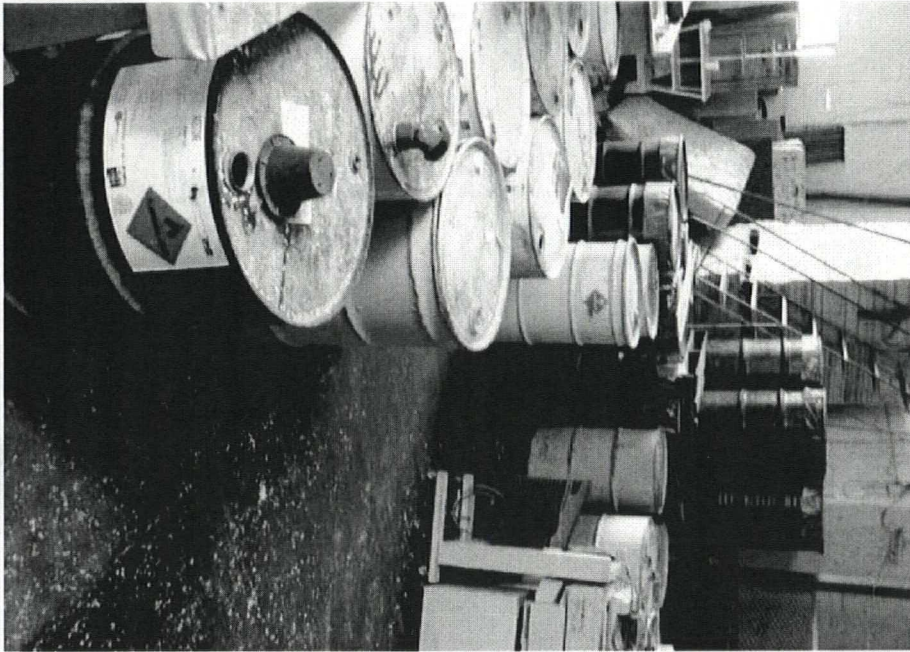
From the Displays Settings in Windows Control Panel:

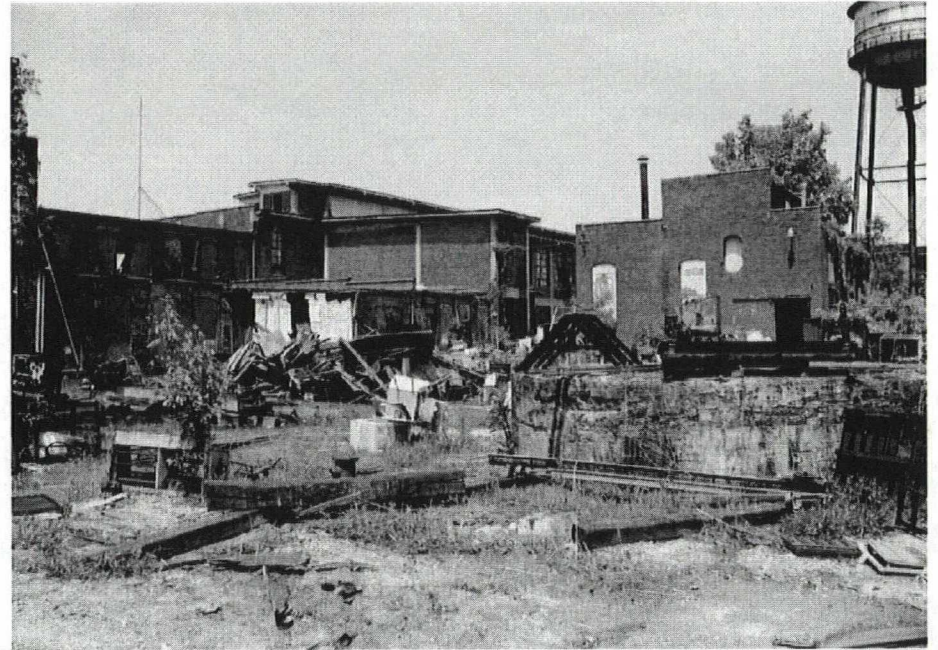
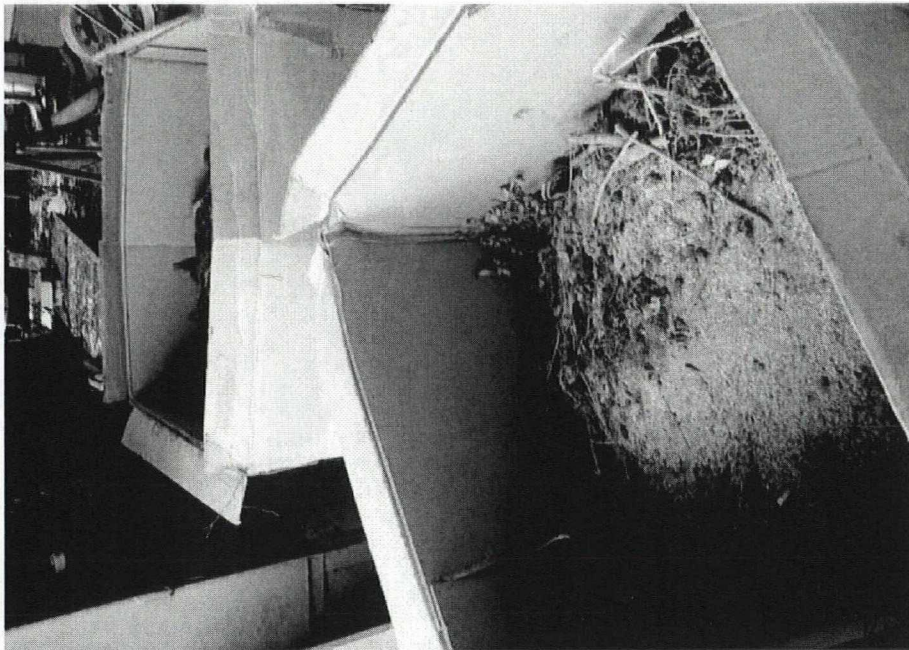
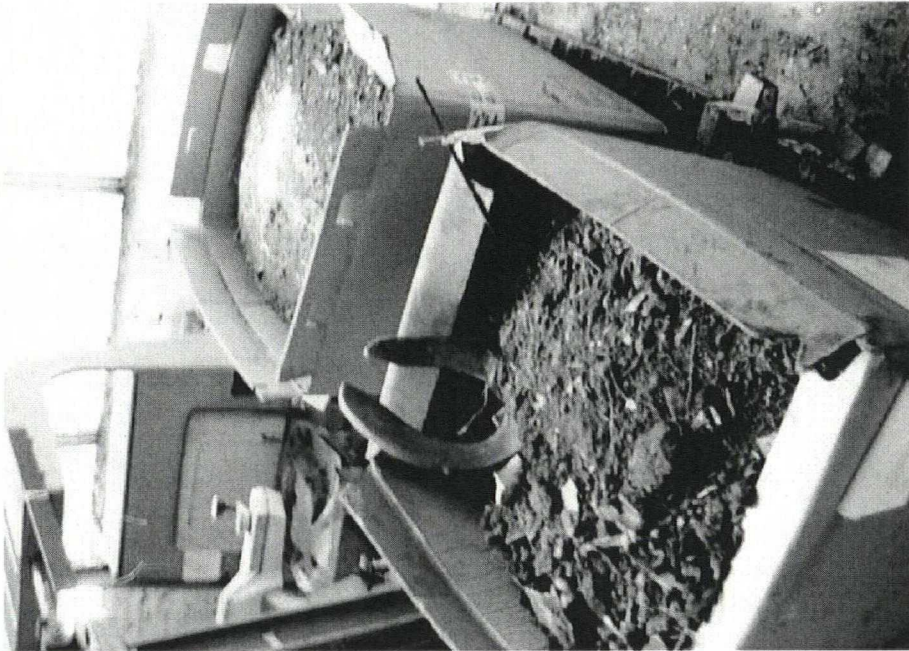
1. Set the Color Quality to the highest available: 24 bit or 36 bit.
2. Increase or decrease the Screen resolution.

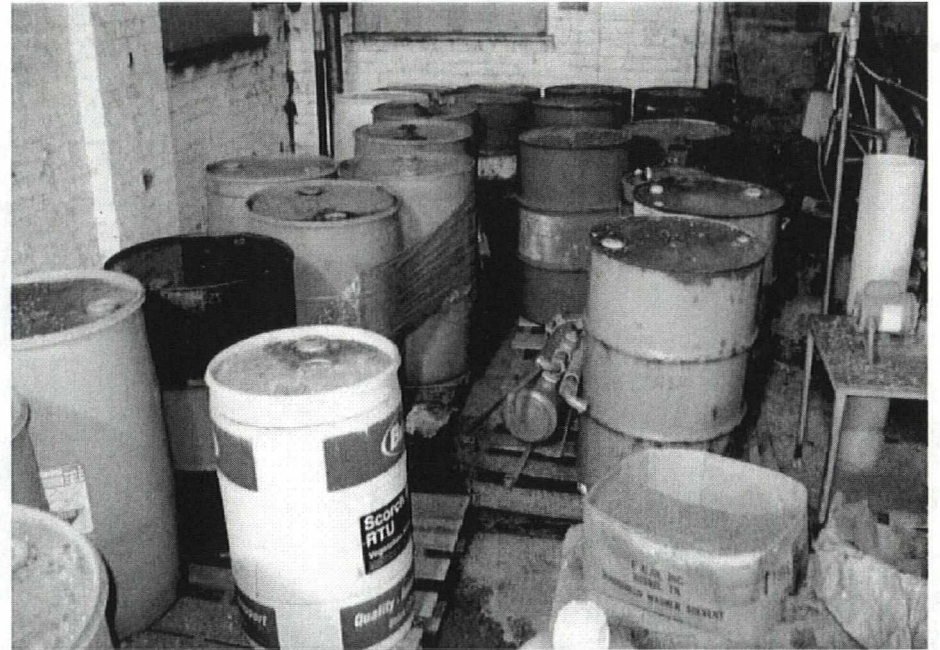
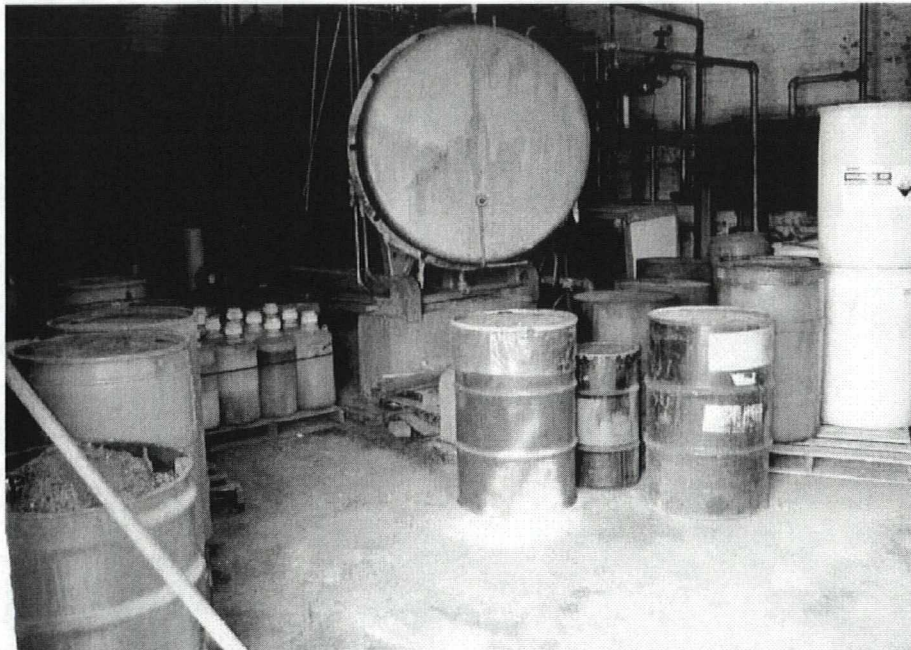
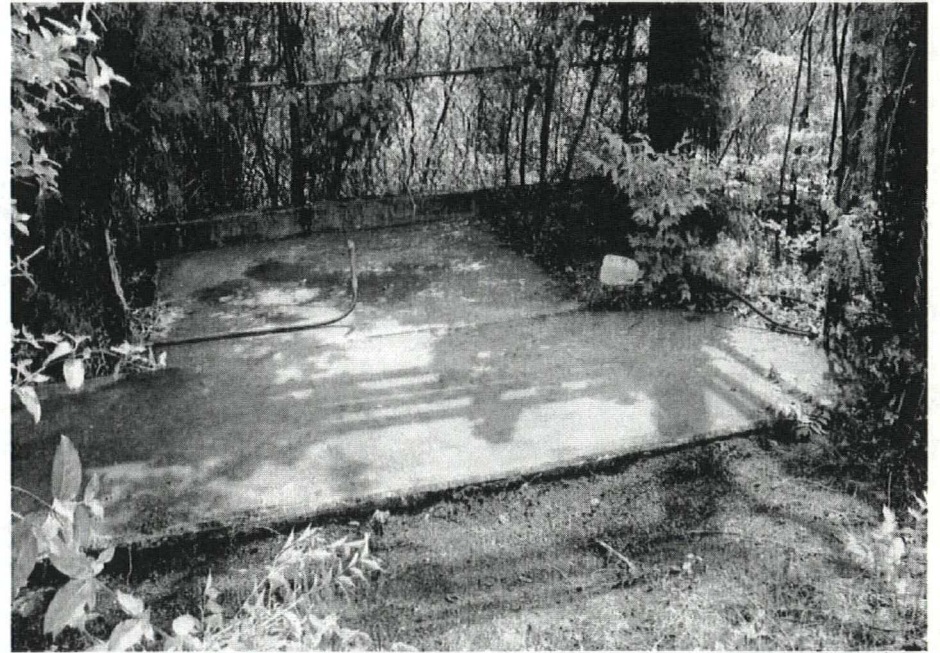
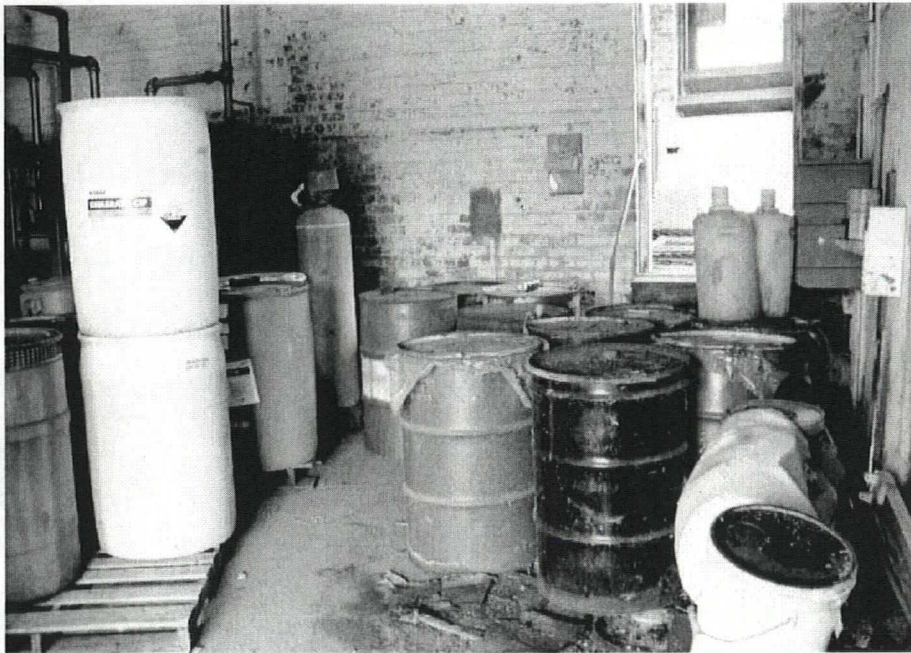
From the Monitor/Display Controls:

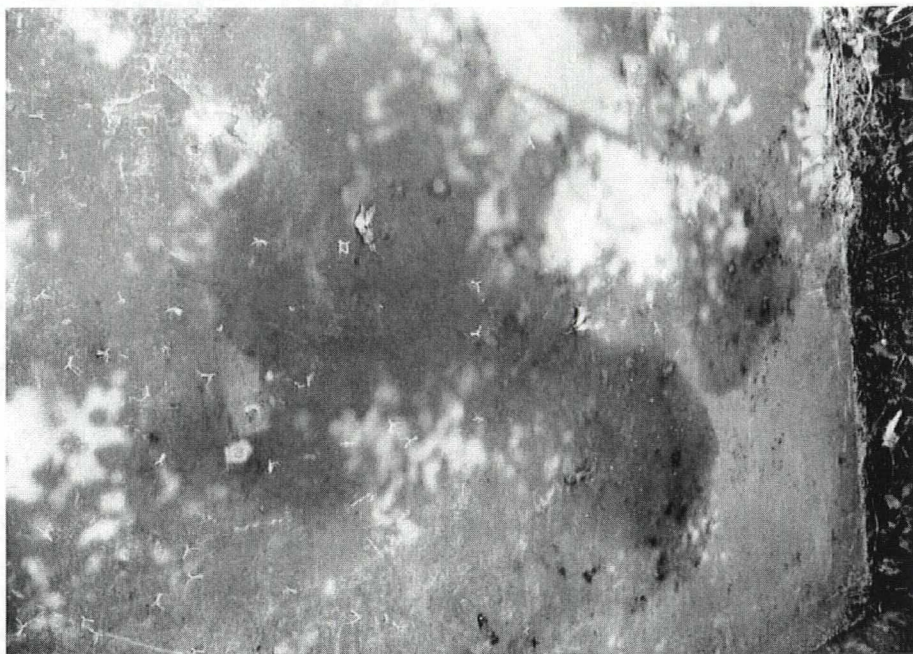
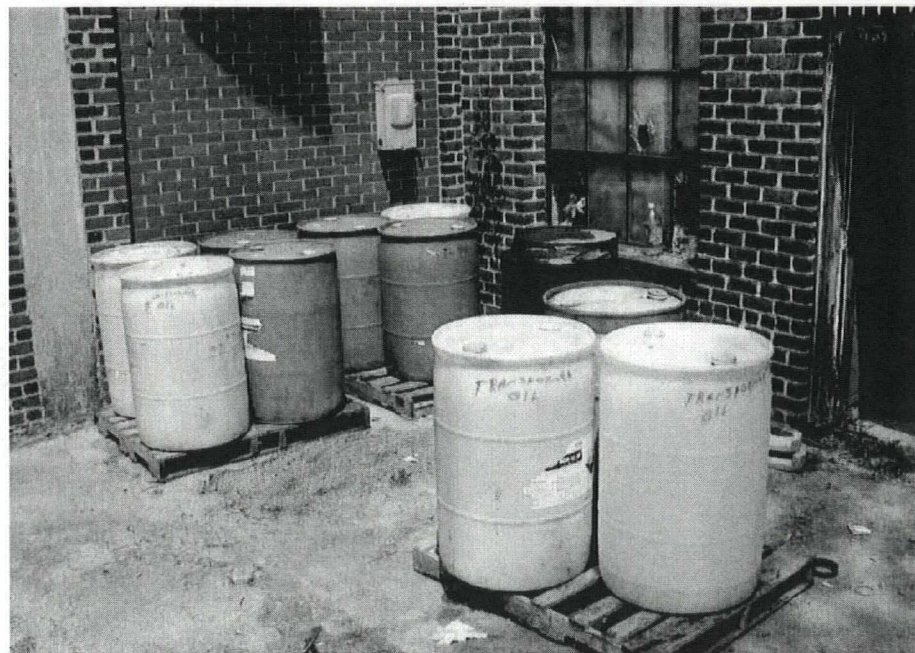
1. For dark image page, increase the brightness and decrease the contrast.
2. For light image page, decrease the brightness and increase the contrast.

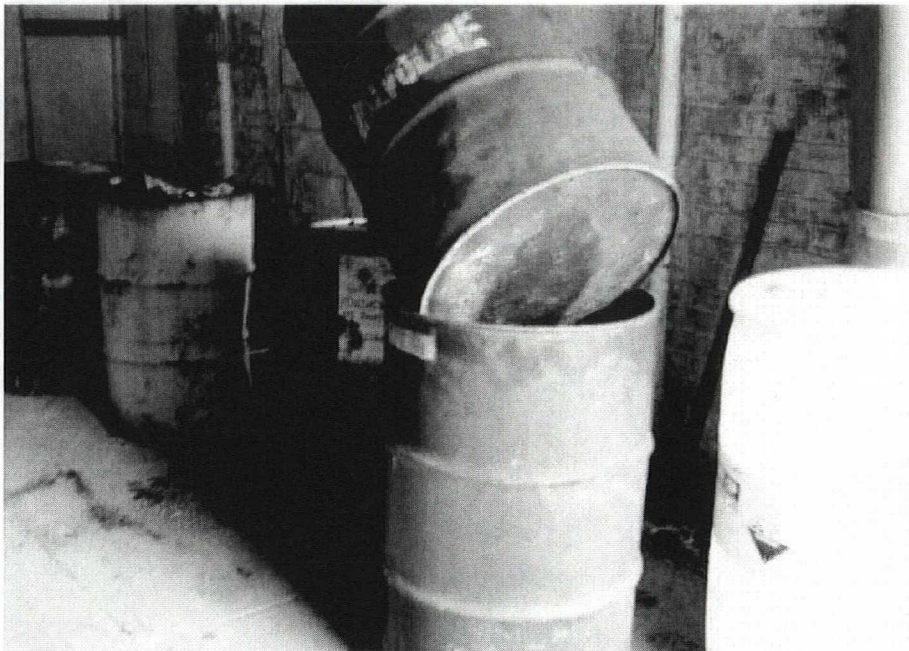
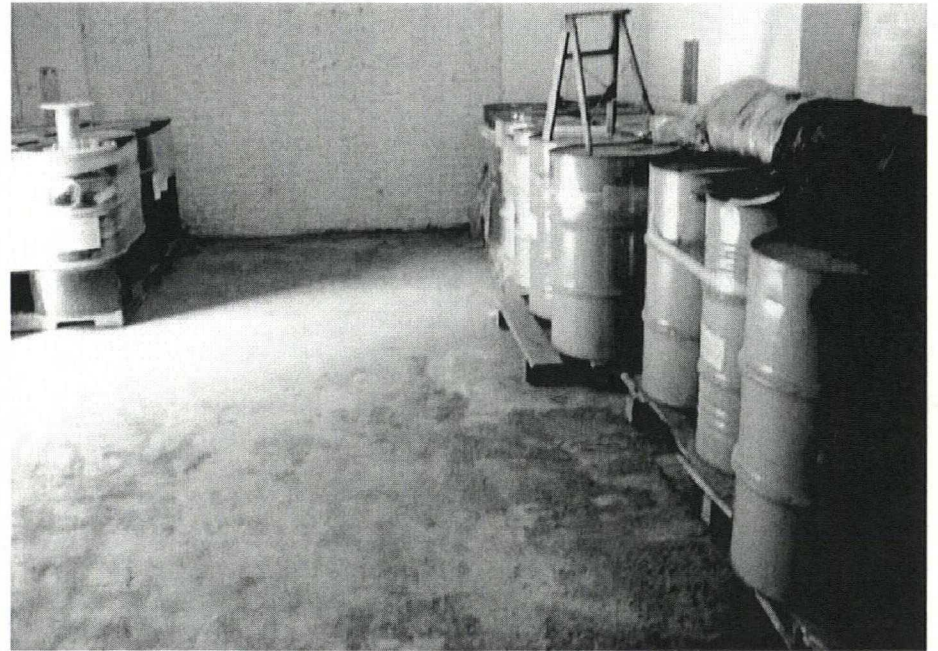
**\*\* PLEASE CONTACT THE APPROPRIATE RECORDS CENTER TO VIEW THE MATERIAL\*\***

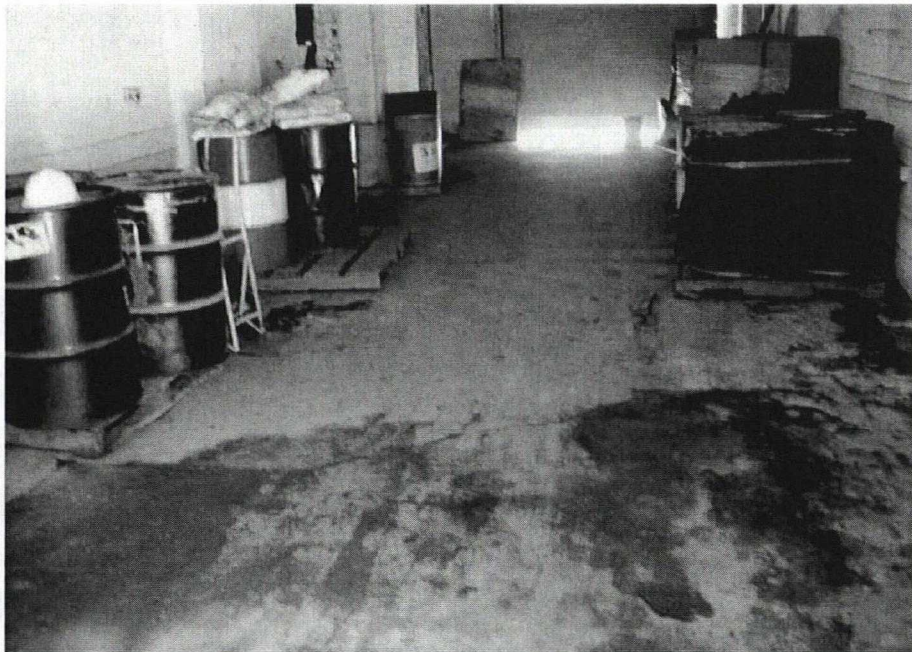


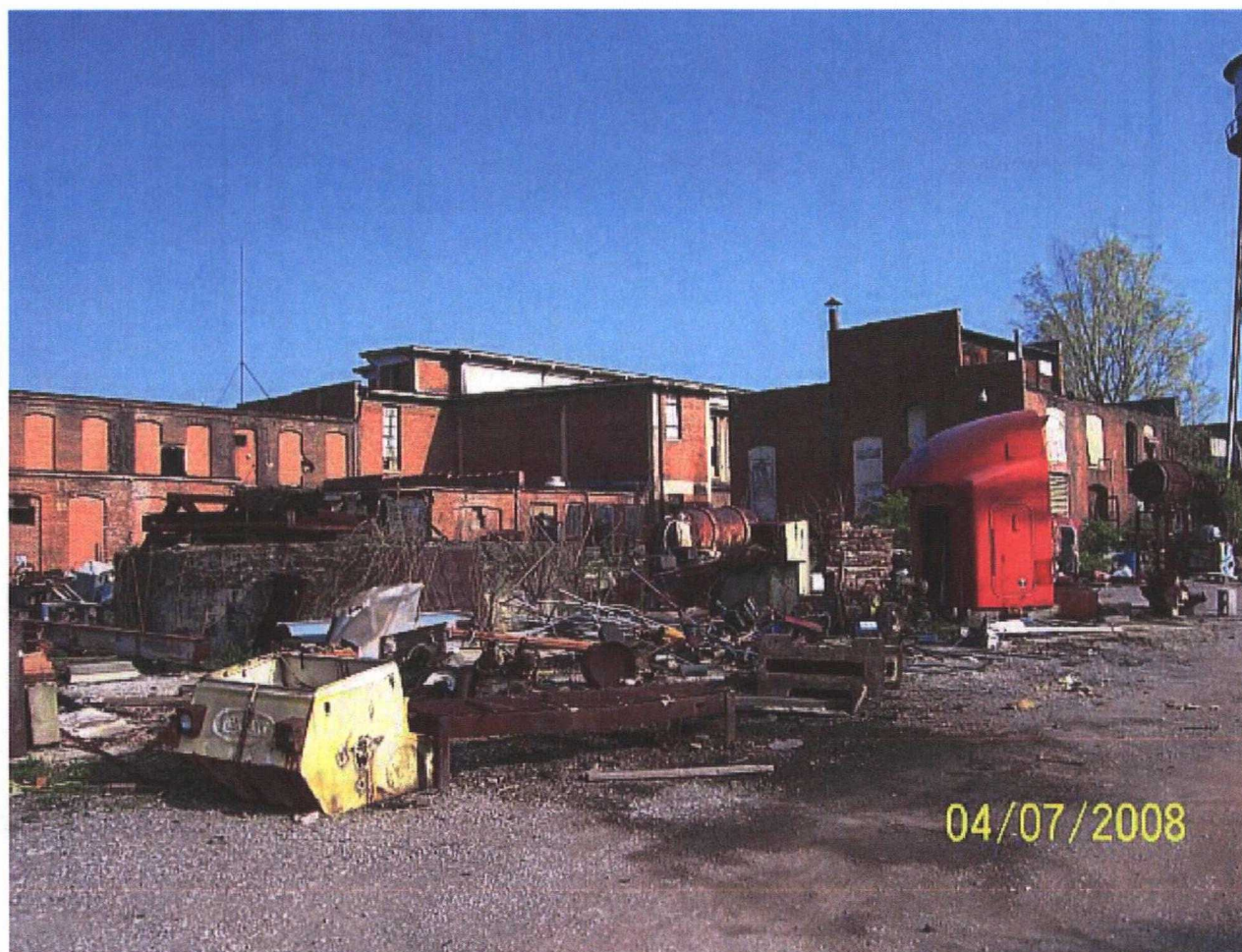




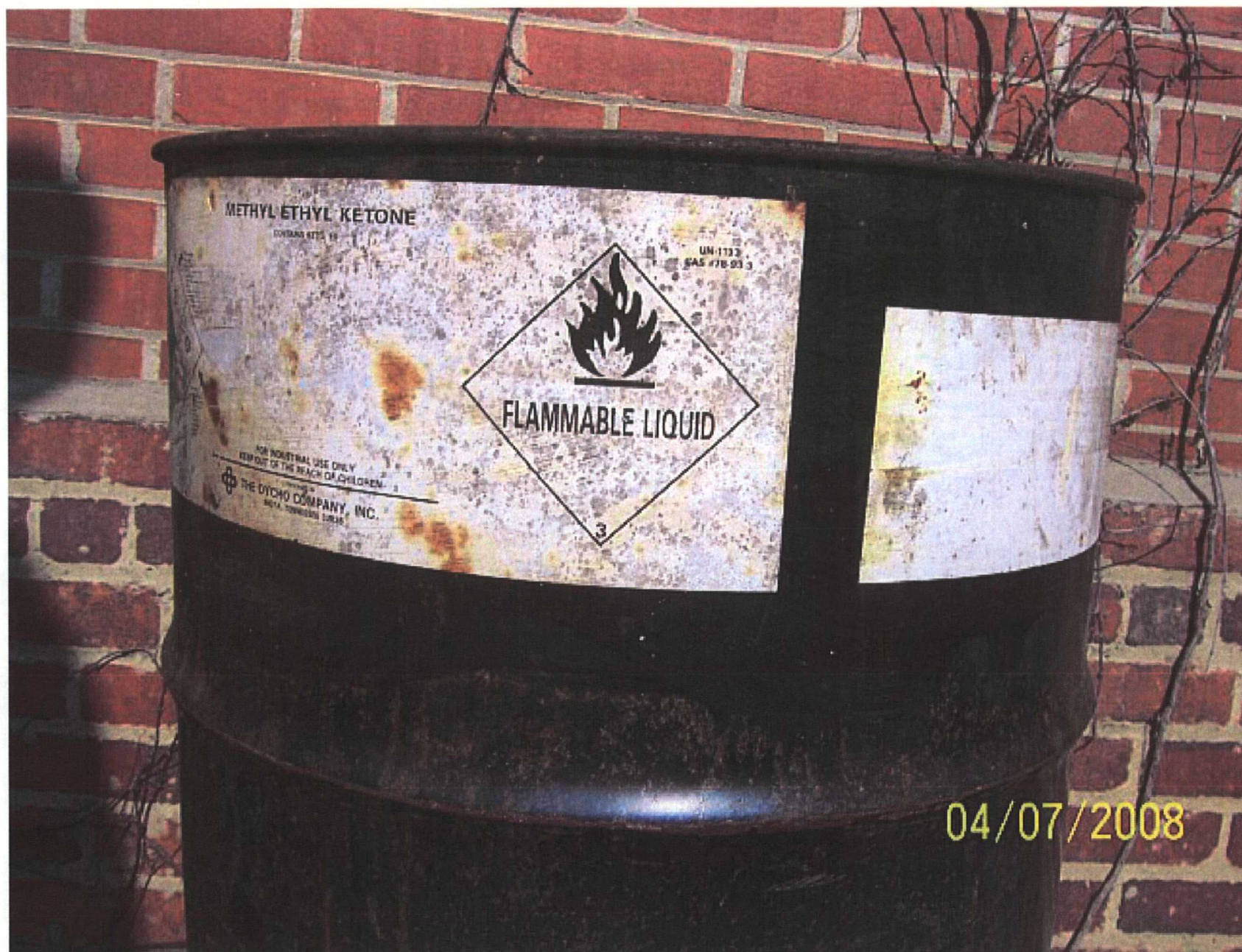












METHYL ETHYL KETONE

CONTAINS 55% MEK

UN-1193  
CAS #78-93-3



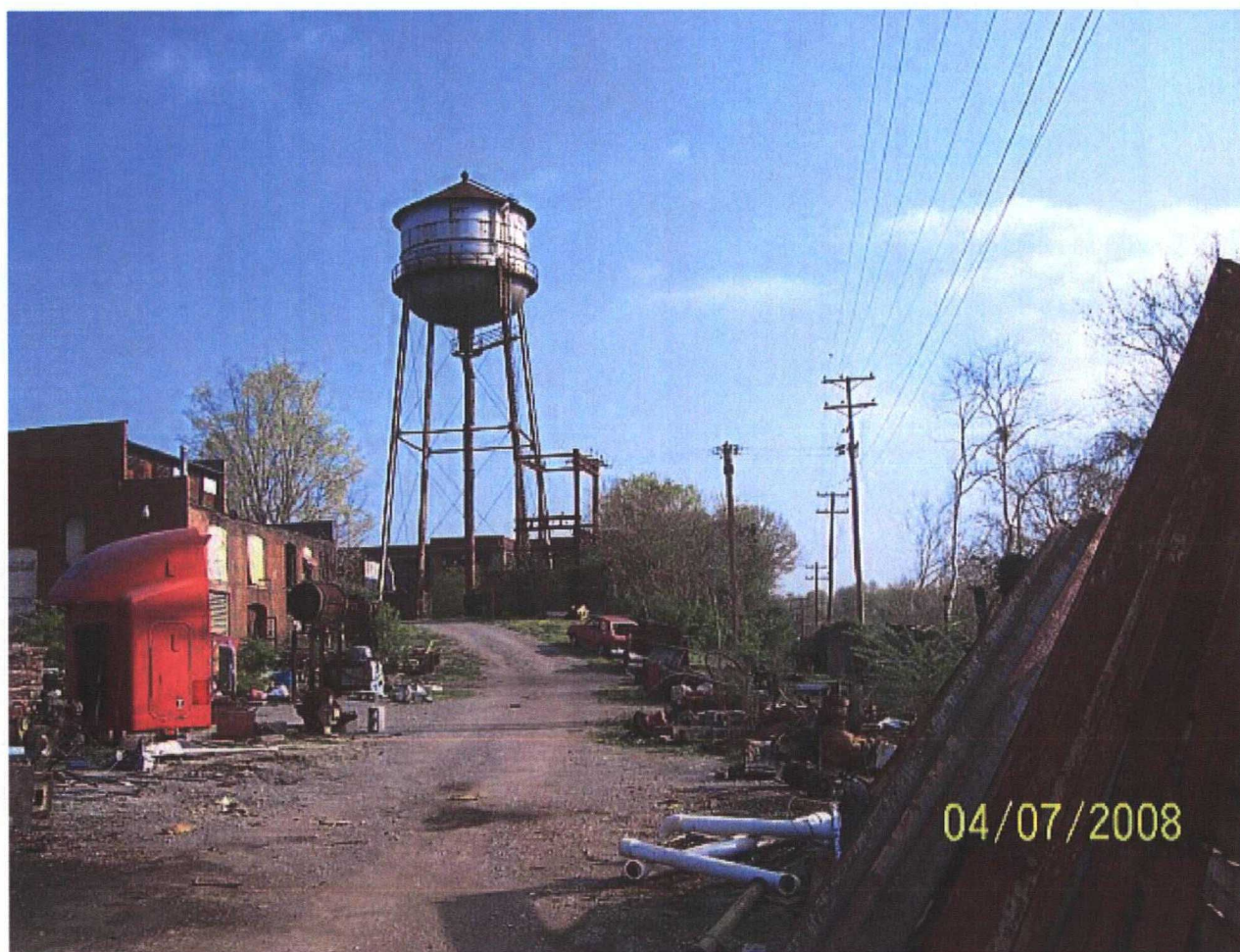
FOR INDUSTRIAL USE ONLY  
KEEP OUT OF THE REACH OF CHILDREN

THE DYCKHO COMPANY, INC.  
MEXICO, TEXAS 75401

04/07/2008





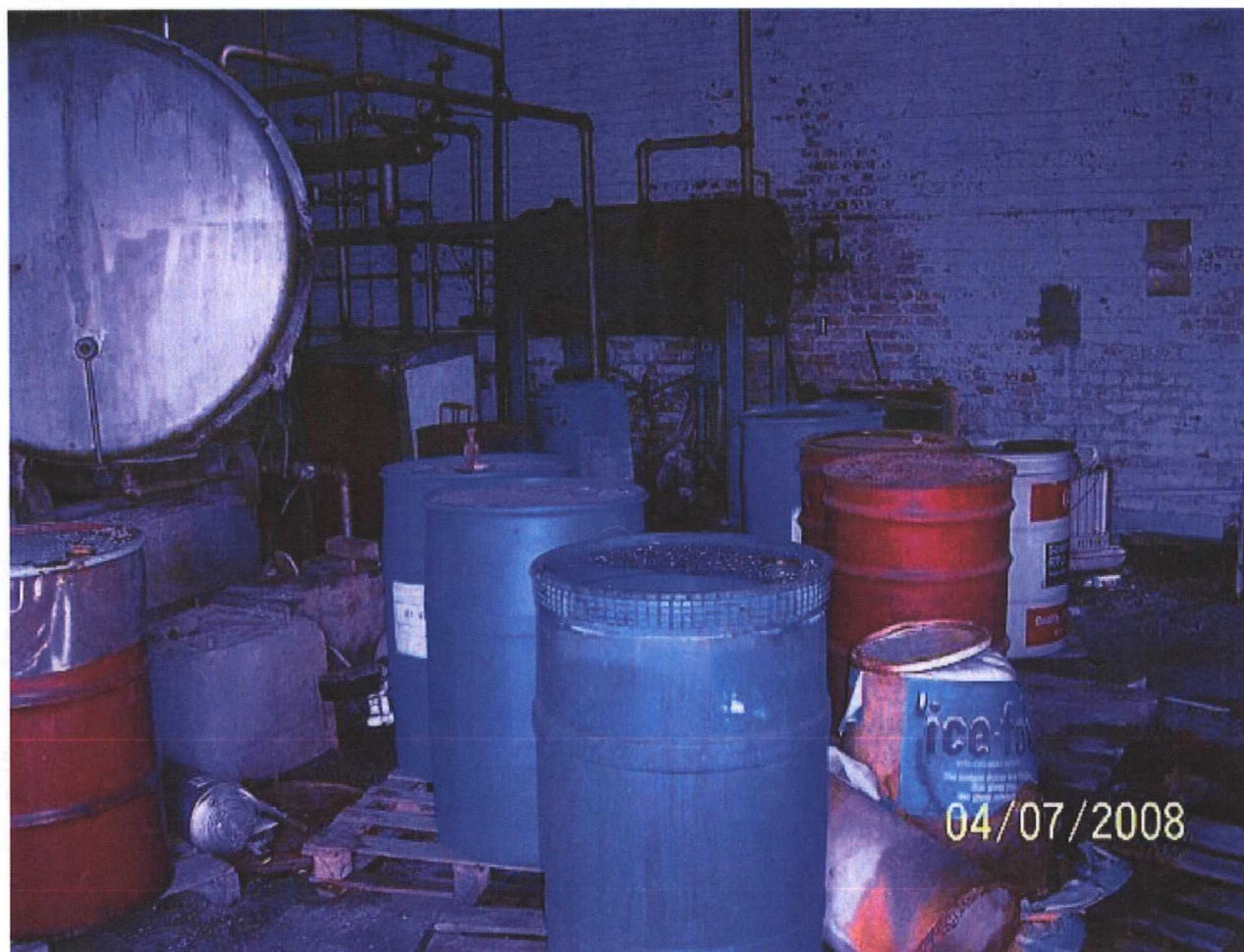












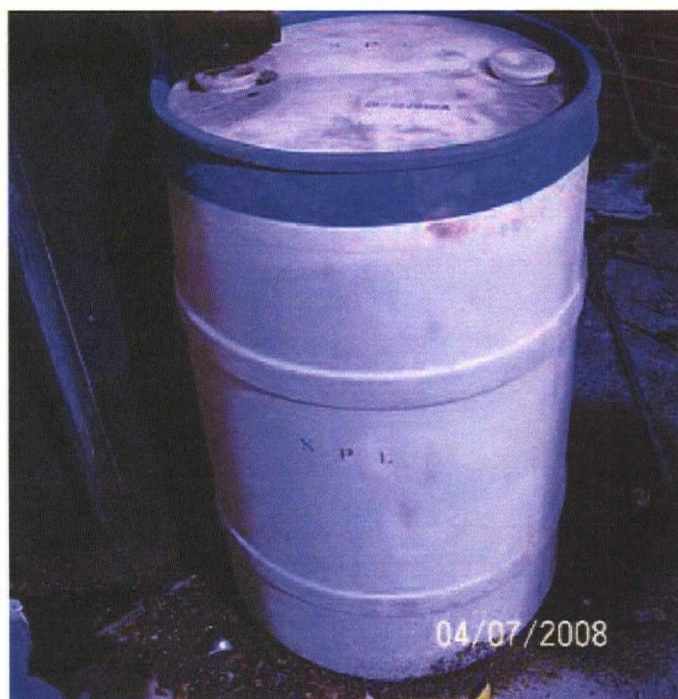












## Draper, Chris

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**From:** Spurlin.Steve@epamail.epa.gov  
**Sent:** Wednesday, April 23, 2008 8:56 AM  
**To:** Draper, Chris  
**Subject:** Fw: Clinton Smelter / Magnet Mills, Clinton, Anderson Co., TN 37716

----- Forwarded by Steve Spurlin/R4/USEPA/US on 04/23/2008 08:56 AM  
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"Burl Maupin"  
<Burl.Maupin@sta  
te.tn.us>  
04/23/2008 08:42  
AM  
To  
Steve Spurlin/R4/USEPA/US@EPA  
cc  
Subject  
Clinton Smelter / Magnet Mills,  
Clinton, Anderson Co., TN  
37716

Although the official address of the Site is Cullom St., the best access is from the back of the parking lot at the CVS Pharmacy at 101 North Charles G Seivers Boulevard in downtown Clinton. A tall water tank at the center of the Site is a good landmark.

MEX  
PCB  
ASBESTOS  
H<sub>2</sub>SO<sub>4</sub>

**EPA**U.S. EPA  
Washington, DC 20460**Start III  
Technical Direction Document**Assessment/Inspection Activities (05-003)  
TETRA TECH EM, INC

TDD #: TTEMI-05-003-0044

Contract: EP-WV-05-054

! = required field

TDD Name: Clinton Smelter/ Magnet Mills Site

! Period: Base Period

! Purpose: Work Assignment Initiation

! Priority: Medium

Overtime:

! Start Date: 04/17/2008

! Completion Date: 10/17/2008

! Funding Category: CERCLA

Invoice Unit:

! Project/Site Name: Clinton Smelter/ Magnet Mills Site

Project Address: Cullom Street

County: Anderson

City, State: Clinton, TN

Zip: 37716

! SSID: 04ZZ

CERCLIS:

Operable Unit:

Activity:

Work Area Code:

Activity Code:

EMERGENCY CODE: ☐ KAT ☐ RIT

FPN:

Performance Based: No

Authorized TDD Ceiling:

Cost/Fee

LOE (Hours)

Previous Action(s):

\$0.00

0.0

This Action:

\$15,000.00

0.0

New Total:

\$15,000.00

0.0

**Specific Elements****Description of Work:**

START is tasked to conduct a removal assessment at a former smelter operation. An unknown number of abandoned drums potentially containing transformer oils, acids, pesticides, and waste oils remain unsecured at the former hosiery mill facility. Site activities may include:

1. Scoping meeting with OSC. A cost estimate is due after this meeting to fully fund the TDD.
2. QAPP, HASP and SAP as specified by the OSC during the scoping meeting.
3. Level B sampling of unknown drums. level C and D sampling of soils.
4. Utilization of the Niton XRF for evaluation of surface soils for metal concentration.
5. Procurement of laboratory surfaces to be determined by the OSC.
6. Typical written and photo documentation is necessary.
7. Prepare 1900-55s to document daily costs. Emails may be used by the OSC to give direction on technical tasks.

Performance rating of contractor's activities will be rated IAW START 3 Award Term Incentive Plan.

Coordinate all activities with OSC Steve Spurlin at 731-394-8996 (cell) or 731-422-0101 (office).

**Accounting and Appropriation Information**

SFO:

Line	DCN	IFMS	Budget	Approp.	Budget Org	Program	Object	Site Project	Cost Org	Amount
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			/ FY	Code	Code	Element	Class		Code	
1	DZ6056	AAP	06	T	4A00S	302DC6C	25	04ZZRS00	C001	\$9,736.70
2	DZ7026	ADM	07	T	4AD0E	302DC6C	2505	04ZZRS00	C001	\$5,263.30

#### Funding Summary:

Previous:

Funding

\$0.00

This Action:

\$15,000.00

Total:

\$15,000.00

Funding Category

CERCLA

#### Section

- Signed by Katrina Jones/R4/USEPA/US on 04/17/2008 05:47:50 PM, according to Andy Johnson/TTEMI

: Steve Spurlin

Date: 04/17/2008

Phone #:

Project Officer Section - Signed by Katrina Jones/R4/USEPA/US on 04/18/2008 10:00:38 AM, according to Andy Johnson/TTEMI

Project Officer: Katrina Jones

Date: 04/18/2008

Contracting Officer Section - Signed by Janice Spady/R4/USEPA/US on 04/18/2008 10:30:36 AM, according to Andy Johnson/TTEMI

Contracting Officer: Janice Spady

Date: 04/18/2008

Contractor Section

Contractor Contact:

Date:

XRF analyses of surface soil collected at Clinton, TN, Anderson Co. smelter used by Eades, Mixter, and Heald Zinc Company

Reading No	Time	Type	Pb	As	Hg	Zn	Cu	Fe	Mn	Ba	Ag
334	4/3/2008 14:25	BULK	461.6	43.06	< LOD	947.25	265.99	37683.77	381.91	766.3	154.97
335	4/3/2008 14:28	BULK	543.88	43.62	< LOD	1028.07	307.71	37919.91	610.27	701.19	192.62
341	4/4/2008 6:52	BULK	539.07	< LOD	51.69	1051.17	272.09	39538.85	588.28	636.54	< LOD

QC

Reading No	Time	Type	Pb	As	Hg	Zn	Cu	Fe	Mn	Ba	Ag
329	4/3/2008 14:14	SHUTTER_CAL	0.7	1.33	11.8	3.13	2.12	0.99	1.04		
330	4/3/2008 14:16	BULK	27.76	17.57	< LOD	75.01	128.08	19935.88	708.47	< LOD	167.76
331	4/3/2008 14:19	BULK	59.03	75.17	< LOD	77.95	242.85	31620.69	513.92	255.44	237.95
332	4/3/2008 14:21	BULK	2577.86	186.29	< LOD	3572.4	158.74	55892.65	9571.56	445.89	289.32
333	4/3/2008 14:23	BULK	< LOD	< LOD	< LOD	< LOD	< LOD	454.95	< LOD	64.03	218.98
336	4/4/2008 6:38	SHUTTER_CAL	0.59	1.23	11.89	3.73	1.9	0.84	0.89		
337	4/4/2008 6:41	BULK	30.42	< LOD	< LOD	76.52	< LOD	19786.18	695.29	65.69	165.64
338	4/4/2008 6:44	BULK	56.2	107.75	75.33	157.71	264.58	33581.77	428.14	432.39	128.79
339	4/4/2008 6:46	BULK	2523.66	199.06	< LOD	3469.16	< LOD	53775.71	9524.19	499.78	288.45
340	4/4/2008 6:49	BULK	< LOD	< LOD	< LOD	< LOD	< LOD	397.15	< LOD	< LOD	222.01

Business Information Search.txt  
<http://www.tennesseeanytime.org/soscorp/details.jsp>

Business Information Search  
Secretary of State Web SiteInstructions

NameI.D. Number  
CLINCH RIVER PROPERTIES, L.L.C. 0287850

Business Type\*:LIMITED LIABILITY COMPANY  
Profit/Nonprofit:FOR PROFIT  
Status\*:ACTIVE  
Date of Formation/Qualification:12/22/1994  
Domestic/Foreign:DOMESTIC  
Place of Incorporation/Organization:KNOX  
Duration:12/20/2024  
FYC(Fiscal Year Closing) Month:DECEMBER

Principal Office:  
Address Line 1:1453CAMPBELL STATION  
Address Line 2:ROAD  
City:KNOXVILLE  
State:TN  
Zip:37932  
Other than USA:

Registered Agent:  
Name:YUH-CHING HUANG  
Address Line 1:1453CAMPBELL STATION  
Address Line 2:ROAD  
City:KNOXVILLE  
State:TN  
Zip:37932

#### Business Filing History

\* Important Note: Business filing History includes information about (1) the basis for an inactive status and (2) the current true name and filing status of a business with an assumed name or a changed status.

Note: This information is current as of three working days prior to today's date.

Report a Technical Issue

Tennessee Property Data - Parcel Detail.txt  
<http://www.assessment.state.tn.us/ParcelDetail4.asp?C=001>

Tennessee Property Data - Parcel Detail

County Number: 001 County Name: ANDERSON Tax Year: 2008  
Property Owner and Mailing Address

Jan 1 Owner:  
CLINCH RIVER PROPERTIES  
P O BOX 32633  
KNOXVILLE, TN 37930  
USA

Property Location

Address: CULLOM ST  
Map: 074J Grp: B Ctrl Map: 074J Parcel: 028.00 PI: S/I:000

Value Information

Reappraisal Year: 2005

Land Mkt Value: \$455,000  
Improvement Value: \$372,600  
Total Market Appraisal: \$827,600  
Assessment %: 40  
Assessment: \$331,040

General Information

Class: 09 - INDUSTRIAL  
City #: 144 City: CLINTON  
SSD1: 000 SSD2: 000  
District: 11 Mkt Area: K01  
# Bldgs: 8 # Mobile Homes: 0  
Utilities - Water: 1 - PUBLIC Utilities - Sewer: 1 - PUBLIC  
Utilities - Elec: 1 - PUBLIC Utilities - Gas: 1 - PUBLIC  
Utilities - Gas Type: Zoning:

Additional Description

11 074J B 074J 02800 000  
GREENBRIER INDUSTRIES

Building Information

Building # 1 Improvement Type: 40 - WAREHOUSE Stories: 1  
Base Area Sq. Ft.: 26,691 Aux Base Sq. Ft.: 23,802  
Foundation: 02 - CONTINUOUS FOOTING Floor System: 01 - SLAB ON GRADE  
Exterior Wall: 11 - COMMON BRICK Structural Frame: 02 - MASONRY PIL/STL  
Roof Framing: 05 - BAR JOIST/RIGID FRAME Roof Cover/Deck: 10 - BUILT-UP COMPOSITION  
Cabinet/Millwork: 00 - NONE Floor Finish: 01 - CONCRETE FINISH  
Interior Finish: 01 - UNFINISHED Paint/Decor: 00 - NONE  
Heat and A/C: 00 - NONE Plumbing Fixtures: 0  
Bath Tile: 00 - NONE Electrical: 02 - BELOW AVERAGE  
Shape: 01 - RECTANGULAR DESIGN Quality: 00 - BELOW AVERAGE  
Act Yr Built: 1926 Condition: 1 - NEEDS MINOR REPAIRS  
Building Areas:  
Area: BASSq Ft: 26,691  
Area: UTUSq Ft: 23,802

Building # 2 Improvement Type: 40 - WAREHOUSE Stories: 1  
Base Area Sq. Ft.: 2,784 Aux Base Sq. Ft.: 162

Tennessee Property Data - Parcel Detail.txt

Foundation: 03 - SPREAD FOOTING Floor System: 01 - SLAB ON GRADE  
Exterior Wall: 11 - COMMON BRICK Structural Frame: 02 - MASONRY  
PIL/STL  
Roof Framing: 05 - BAR JOIST/RIGID FRAME Roof Cover/Deck: 10 -  
BUILT-UP COMPOSITION  
Cabinet/Millwork: 00 - NONE Floor Finish: 01 - CONCRETE FINISH  
Interior Finish: 01 - UNFINISHED Paint/Decor: 00 - NONE  
Heat and A/C: 00 - NONE Plumbing Fixtures: 0  
Bath Tile: 00 - NONE Electrical: 01 - MINIMUM  
Shape: 01 - RECTANGULAR DESIGN Quality: 00 - BELOW AVERAGE  
Act Yr Built: 1961 Condition: 1 - NEEDS MINOR REPAIRS  
Building Areas:  
Area: BASSq Ft: 2,784  
Area: CAWSq Ft: 162

Building # 3 Improvement Type: 40 - WAREHOUSE Stories: 2  
Base Area Sq. Ft.: 14,729 Aux Base Sq. Ft.: 27,346  
Foundation: 02 - CONTINUOUS FOOTING Floor System: 01 - SLAB ON  
GRADE  
Exterior Wall: 11 - COMMON BRICK Structural Frame: 02 - MASONRY  
PIL/STL  
Roof Framing: 07 - REINFORCED CONCRETE Roof Cover/Deck: 10 -  
BUILT-UP COMPOSITION  
Cabinet/Millwork: 00 - NONE Floor Finish: 01 - CONCRETE FINISH  
Interior Finish: 01 - UNFINISHED Paint/Decor: 00 - NONE  
Heat and A/C: 01 - UNIT HEATER Plumbing Fixtures: 0  
Bath Tile: 00 - NONE Electrical: 02 - BELOW AVERAGE  
Shape: 01 - RECTANGULAR DESIGN Quality: 00 - BELOW AVERAGE  
Act Yr Built: 1917 Condition: 1 - NEEDS MINOR REPAIRS  
Building Areas:  
Area: BASSq Ft: 14,729  
Area: OPFSq Ft: 90  
Area: BMUSq Ft: 13,628  
Area: UTUSq Ft: 13,628

Building # 4 Improvement Type: 40 - WAREHOUSE Stories: 1  
Base Area Sq. Ft.: 2,132 Aux Base Sq. Ft.: 96  
Foundation: 02 - CONTINUOUS FOOTING Floor System: 01 - SLAB ON  
GRADE  
Exterior Wall: 11 - COMMON BRICK Structural Frame: 00 - NONE  
Roof Framing: 00 - FLAT Roof Cover/Deck: 10 - BUILT-UP COMPOSITION  
Cabinet/Millwork: 00 - NONE Floor Finish: 01 - CONCRETE FINISH  
Interior Finish: 01 - UNFINISHED Paint/Decor: 00 - NONE  
Heat and A/C: 00 - NONE Plumbing Fixtures: 0  
Bath Tile: 00 - NONE Electrical: 02 - BELOW AVERAGE  
Shape: 01 - RECTANGULAR DESIGN Quality: 00 - BELOW AVERAGE  
Act Yr Built: 1905 Condition: 1 - NEEDS MINOR REPAIRS  
Building Areas:  
Area: BASSq Ft: 2,132  
Area: CAWSq Ft: 96

Building # 5 Improvement Type: 40 - WAREHOUSE Stories: 1  
Base Area Sq. Ft.: 4,400 Aux Base Sq. Ft.:  
Foundation: 02 - CONTINUOUS FOOTING Floor System: 01 - SLAB ON  
GRADE  
Exterior Wall: 11 - COMMON BRICK Structural Frame: 02 - MASONRY  
PIL/STL  
Roof Framing: 01 - SHED Roof Cover/Deck: 10 - BUILT-UP COMPOSITION  
Cabinet/Millwork: 00 - NONE Floor Finish: 01 - CONCRETE FINISH  
Interior Finish: 01 - UNFINISHED Paint/Decor: 00 - NONE  
Heat and A/C: 00 - NONE Plumbing Fixtures: 0  
Bath Tile: 00 - NONE Electrical: 02 - BELOW AVERAGE  
Shape: 01 - RECTANGULAR DESIGN Quality: 00 - BELOW AVERAGE

Tennessee Property Data - Parcel Detail.txt  
Act Yr Built: 1917 Condition: 1 - NEEDS MINOR REPAIRS  
Building Areas:  
Area: BASSq Ft: 4,400

Building # 6 Improvement Type: 40 - WAREHOUSE Stories: 2  
Base Area Sq. Ft.: 12,703 Aux Base Sq. Ft.: 13,828  
Foundation: 02 - CONTINUOUS FOOTING Floor System: 01 - SLAB ON GRADE  
Exterior Wall: 11 - COMMON BRICK Structural Frame: 02 - MASONRY PIL/STL  
Roof Framing: 05 - BAR JOIST/RIGID FRAME Roof Cover/Deck: 10 - BUILT-UP COMPOSITION  
Cabinet/Millwork: 00 - NONE Floor Finish: 01 - CONCRETE FINISH  
Interior Finish: 01 - UNFINISHED Paint/Decor: 00 - NONE  
Heat and A/C: 00 - NONE Plumbing Fixtures: 0  
Bath Tile: 00 - NONE Electrical: 01 - MINIMUM  
Shape: 01 - RECTANGULAR DESIGN Quality: 00 - BELOW AVERAGE  
Act Yr Built: 1917 Condition: 1 - NEEDS MINOR REPAIRS  
Building Areas:  
Area: BASSq Ft: 12,703  
Area: BMUSq Ft: 1,125  
Area: UTUSq Ft: 12,703

Building # 7 Improvement Type: 40 - WAREHOUSE Stories: 1  
Base Area Sq. Ft.: 3,936 Aux Base Sq. Ft.:  
Foundation: 03 - SPREAD FOOTING Floor System: 01 - SLAB ON GRADE  
Exterior Wall: 11 - COMMON BRICK Structural Frame: 02 - MASONRY PIL/STL  
Roof Framing: 06 - STEEL TRUSS/PURLINS Roof Cover/Deck: 10 - BUILT-UP COMPOSITION  
Cabinet/Millwork: 01 - MINIMUM Floor Finish: 01 - CONCRETE FINISH  
Interior Finish: 01 - UNFINISHED Paint/Decor: 01 - MINIMUM  
Heat and A/C: 00 - NONE Plumbing Fixtures: 0  
Bath Tile: 00 - NONE Electrical: 01 - MINIMUM  
Shape: 01 - RECTANGULAR DESIGN Quality: 00 - BELOW AVERAGE  
Act Yr Built: 1924 Condition: 1 - NEEDS MINOR REPAIRS  
Building Areas:  
Area: BASSq Ft: 3,936

Building # 8 Improvement Type: 47 - PREFAB Stories: 1  
Base Area Sq. Ft.: 20,000 Aux Base Sq. Ft.:  
Foundation: 03 - SPREAD FOOTING Floor System: 01 - SLAB ON GRADE  
Exterior Wall: 19 - PREFIN METAL CRIMPED Structural Frame: 05 - RIGID FRAME  
Roof Framing: 05 - BAR JOIST/RIGID FRAME Roof Cover/Deck: 13 - PREFINISHED METAL CRIMPED  
Cabinet/Millwork: 03 - AVERAGE Floor Finish: 01 - CONCRETE FINISH  
Interior Finish: 01 - UNFINISHED Paint/Decor: 03 - AVERAGE  
Heat and A/C: 01 - UNIT HEATER Plumbing Fixtures: 0  
Bath Tile: 00 - NONE Electrical: 03 - AVERAGE  
Shape: 01 - RECTANGULAR DESIGN Quality: 01 - AVERAGE  
Act Yr Built: 1974 Condition: 1 - NEEDS MINOR REPAIRS  
Building Areas:  
Area: BASSq Ft: 20,000

Extra Features

Bldg/Card#	Type	Description	Units
2	OH DOOR	10X8	80
3	SPRINKLER		13,679
5	SPRINKLER		4,400
6	SPRINKLER		12,703
7	SPRINKLER		3,936
8	OH DOOR	12X14X3	504

Tennessee Property Data - Parcel Detail.txt

8	SPRINKLER	20,000	
1	SPRINKLER	26,691	
1	XWTR TWR A	1	
1	CAN 23X75	1,725	
1	OH DOOR 14X8X10	1,120	
1	OH DOOR 12X14X2	336	
2	OH DOOR 10X12X4	480	

Sale Information

Sale

Date Price Deed

Book Page Vac/Imp Type

Instrument Qualification

12/29/1994	\$0	D-19	174			
10/06/1994	\$300,000	B-19	273	IMPROVED	WD	G
01/18/1985	\$0	E-16	308			
01/01/1985	\$1,395,000	G-16	82	IMPROVED	WD	A
01/04/1900	\$0	U-14	419			
01/03/1900	\$0	M-15	653			

Land Information

Deed Acres:0.00 Calc Acres:7.00 Total Land Units:7.00

Land Type: 10 - COMMERCIAL Soil Class: Units: 7.00

Greenbrier Yellow Pages Listings - InfoSpace.txt  
<http://ypng.infospace.com/>

71%Richard S. Greenberg  
Proudly Serving Englewood Cliffs  
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Email:  
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71%Greenberg, Richard S. Attorney  
140 Sylvan Avenue (9W)  
Englewood Cliffs, NJ 07632

201-585-7744  
Fax: 201-585-0989  
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## PAN Pesticides Database - Pesticide Products

[Home](#) > [Pest Control Product Search](#)

[Help](#) | [Feedback](#)

### Product Name: Busan 1202

**Note:** See [Working with the Information on this Page](#) section below for important notes about this data.

#### Product ID

Identifying information, including U.S. EPA registration number, product registration status, formulation and warning label, as well as links to sources of product labels and MSDS information.

#### Toxicity

Summary of the toxicity properties of each active ingredient and the percent of each active ingredient in the product.

#### Uses

Approved uses for the product by general use type, pest, and crop or location.

#### Registration

Product registration history, including initial date registered, date cancelled (if applicable), and date registration was transferred (if applicable).


#### Company

Name, address, and identifying number of the company that registered the product. Name and address of the agent, if applicable.

#### Distributor Names

Complete list of names under which this product is sold. Often a company will register a single product and then sell the same product under many different brand names. The 'Distributor Name' list is a complete list of these names.

## Basic Identification Information About This Product




<a href="#">MSDS and Product Label</a>	Select Source 
<a href="#">U.S. EPA Product Reg No</a>	1448-354
<a href="#">Product Registration Status</a>	Active
<a href="#">Formulation</a>	Ready-to-use solution
<a href="#">Acute Hazard Warning Label</a>	1 Danger
<a href="#">Restricted Use Product</a>	No
<a href="#">PAN Bad Actor Product:</a>	Yes
<a href="#">No. of names this product is sold under</a>	22 (See <a href="#">bottom of page</a> for complete list of products)

## Toxicity for Busan 1202

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### Summary Toxicity Information for the Active Ingredients in this Product

For detailed chemical information click on the chemical names below

Active Ingredients	Percent	<a href="#">PAN Bad Actor Chemical</a> <sup>1</sup>	<a href="#">Acute Toxicity</a> <sup>2</sup>	<a href="#">Carcinogen</a>	<a href="#">Cholinesterase Inhibitor</a>	<a href="#">Developmental or Reproductive Toxin</a>	<a href="#">Endocrine Disruptor</a>
Chemical Name							
 <a href="#">Glutaraldehyde</a>	50.0 %	Not Listed	Moderate		No		



Indicates high toxicity in the given toxicological category.



Indicates no available [weight-of-the-evidence](#) assessment. For additional information on toxicity from scientific journals or registration documents, see the "Additional Resources for Toxicity" section of the chemical detail page for each active ingredient.

1. **PAN Bad Actors** are chemicals that are one or more of the following: highly acutely toxic, cholinesterase inhibitor, known/probable carcinogen, known groundwater pollutant or known reproductive or developmental toxicant. NOTE! Because there are no authoritative lists of Endocrine Disrupting (ED) chemicals, EDs are not yet considered PAN Bad Actor chemicals.

2. The acute toxicity reported here is for the pure active ingredient only and may not reflect the acute toxicity of individual pesticide products. The acute toxicity of this product can be found in the Product ID section of this page, the [Acute Hazard Warning Label](#).

## Other Ingredients in this Product

By U.S. law, only active ingredients (AIs) are reported. In addition to active ingredients, pesticide products may contain one or more "inert" ingredients. Many "inert" ingredients in

current use have known adverse human and environmental effects.

[U.S. EPA statement on inerts](#)   [U.S. EPA list of inerts](#)   [NCAP Inerts Report \(pdf\)](#)


## Registered Uses in the U.S. for Busan 1202

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### Uses

 [Fungicide](#) , [Algaecide](#) , [Microbicide/microbistat](#)

### Pests

 [Slime-forming bacteria](#) , [Deterioration/spoilage bacteria](#) , [Sulfate-reducing bacteria](#) , [Slime-forming fungi \(paper mills/water systems\)](#) , [Yeasts](#) , [Algae](#)


### Crops and Locations

 [Retort cooling water](#) , [Pasteurizers](#) , [Warmer water](#) , [Pulp and paper mill systems](#) , [Reverse osmosis water systems](#) , [Air washer water](#) , [Cooling tower water](#) , [Evaporative condenser water](#) , [Secondary oil recovery injection water](#) , [Heat exchanger water](#) , [Industrial water \(unspecified\)](#) , [Sterilizers](#) , [Paper/paperboard \(coatings\)](#) , [Oil storage tank bottom water](#) , [Metalworking cutting fluids](#) , [Oil recovery drilling mud](#) , [Oil recovery packer fluid](#) , [Slurries](#) , [Concrete mixtures](#)

## U.S. Product Registration History for Busan 1202

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[U.S. EPA Product Reg No:](#) 1448-354

U.S. State Registration Searches 

[Product Registration Status:](#) Active

[Approval Date:](#) Apr 9, 1992

[Cancellation Date:](#)

[Cancel/Transfer Reason:](#)

## Company and Agent Information for Busan 1202

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### Manufacturer

### Agent


### Distributor

Buckman laboratories inc  
1256 north mclean blvd  
Memphis, TN 38108  
Phone: 9012780330  
Company Number: 001448

No Agent, See Company Info.

No Additional Distributor, See  
Company Info.

## Distributor Names for Busan 1202

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<u>Product names</u>	<u>Distributor</u>	<u>Product Type</u>	<u>Approval Date</u>	<u>Cancellation Date</u>
1596	Buckman laboratories inc	Distributor Product	Jun 25, 2002	
1597	Buckman laboratories inc	Distributor Product	Jun 25, 2002	
A-350	Buckman laboratories inc	Distributor Product	Sep 4, 2003	
A-45-algaecide	Buckman laboratories inc	Distributor Product	Jul 31, 2002	
Algarite 800	Buckman laboratories inc	Distributor Product	Aug 21, 2003	
B-150bl	Buckman laboratories inc	Distributor Product	Oct 7, 2004	
B-202	Buckman laboratories inc	Distributor Product	Mar 30, 2004	
Baf-42	Buckman laboratories	Distributor	Oct 3, 2002	Jan 10, 2005

	inc	Product	
Bc-2545	Buckman laboratories inc	Distributor Product	Jun 9, 2005
Bcs 3502m	Buckman laboratories inc	Distributor Product	May 22, 2006
Bio/tec 950	Buckman laboratories inc	Distributor Product	Mar 30, 2004
Busan 1202	Buckman laboratories inc	Parent Product	Apr 9, 1992
Ct-2485	Buckman laboratories inc	Distributor Product	Mar 8, 2005
Ct-bio-151	Buckman laboratories inc	Distributor Product	Jun 25, 2002
M-50	Buckman laboratories inc	Distributor Product	Apr 21, 2004
Mba 650	Buckman laboratories inc	Distributor Product	Apr 21, 2004
Mg-3650	Buckman laboratories inc	Distributor Product	Feb 20, 2003
N-5033	Buckman laboratories inc	Distributor Product	Jun 12, 2001
Paracide 500	Buckman laboratories inc	Distributor Product	Dec 17, 2002
Spec-cide 100	Buckman laboratories inc	Distributor Product	Mar 9, 2004
Watcon 1398	Buckman laboratories inc	Distributor Product	Jun 25, 2002
Wtc-2815 biocide	Buckman laboratories inc	Distributor Product	Sep 11, 2003

### Working with the Information on this Page

Click on underlined terms for definitions or go to the [Pesticide Tutorial](#) overview page.

Any underlined term with a book icon  has additional information.

To print this page, choose **Print**. To export this data, choose **Save As 'HTML Source'** and open it in Excel or equivalent program.

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